

**ELECTRIC CYLINDER**

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- European:

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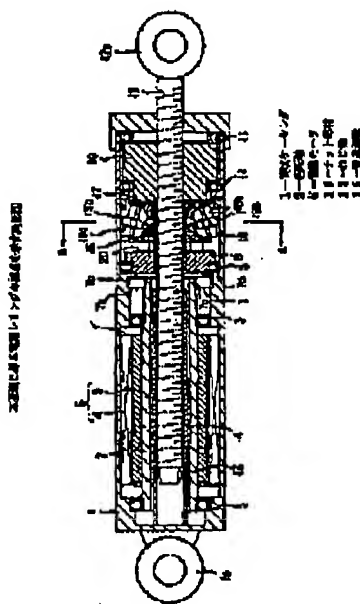
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**Abstract of JP2003184981**

**PROBLEM TO BE SOLVED:** To continuously change operating speed and thrust of an electric cylinder from low speed and large thrust to high speed and small thrust like a hydraulic cylinder.

**SOLUTION:** In the electric cylinder, a cylindrical rotary shaft 2 is connected to the output part of an electric motor 6 in a cylindrical casing. A screw shaft 12 is disposed in the rotary shaft and screwed to a nut member 10 supporting the screw shaft in the cylindrical casing so as to freely rotate. The rotary shaft is connected to the nut member through a transmission mechanism 15.

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